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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	XML and schema and message and object\$oriented and namespace and manifest and alias adj name	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/26 18:31
L2	118	namespace near library or schema near library	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/26 20:19
L3	60	L2 and object adj oriented	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/26 18:35
L4	3361	(715/513).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/26 20:00
L5	8705	SOX or object adj oriented adj XML	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/26 20:13
L6	4	L5 and L2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/26 20:13
L7	72	L2 and message	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/26 20:19

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L8	49	L3 and message	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/26 20:20
L10	1	10/731,597	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/26 20:21

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Distributed object-oriented schema for XML-based electro catalogsharing semantics among businesses

Kuramitsu, K. Sakamura, K.
Dept. of Inf. Sci., Tokyo Univ.;

This paper appears in: [Web Information Systems Engineering, 2000. Proceedings of the International Conference on](#)

Publication Date: 2000

Volume: 1, On page(s): 87-96 vol.1

Meeting Date: 06/19/2000 - 06/21/2000

Location: Hong Kong, China

ISBN: 0-7695-0577-5

References Cited: 20

INSPEC Accession Number: 6755071

Digital Object Identifier: 10.1109/WISE.2000.882379

Posted online: 2002-08-06 23:37:42.0

Abstract

Internet commerce is increasing the demands of service integrations by sharing XML-based propose the PCO (Portable Compound Object) data model supporting semantic inheritance synonymy of heterogeneous semantics among distributed schemas that different authors. Also, the PCO model makes semantic relationships independent of an initial class hierarchy rapid schema evolution across the entire Internet business. This preserves semantic interchanging pre-defined classes. We have also encoded the PCO model into two XML-based PCO Specification Language (PSL) and the Portable Composite Language (PCL). This paper that intermediaries defining service semantics in PSL can automatically integrate multiple catalogs for their agent-mediated services

Index Terms

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[Internet cataloging](#) [distributed object management](#) [electronic commerce](#) [electronic interchange](#) [hypermedia markup languages](#) [inheritance](#) [management information systems](#) [object-oriented languages](#) [open systems](#) [semantic networks](#) [software specification languages](#)

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Author Keywords

Not Available

References

No references available on IEEE Xplore.



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E Armstrong, S Bodoff, M Fisher, D Green, K Haase - 2003 - 72.5.124.55

... that receive the price lists and **schema** can have ... Another company might read the **XML** pricing information ... Simple **Object** Access Protocol (SOAP) **messages** over HTTP ...

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... (eg, relational, **object-oriented**, semistructured), and ... Separation of a **schema** and data permits multiple **XML** documents to ... that processes the **XML** document. ...

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SOX XML schema message namespace "obje" 1970 - 2003

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D Lee, WW Chu - ACM SIGMOD Record, 2000 - portal.acm.org

... 2. Namespace: All languages except DTD and DSD support namespace. DTD : No XML

Schema : Yes XDR : Yes SOX : Yes Schematron : Yes DSD : No Suppose one ...

[Cited by 179](#) - [Related Articles](#) - [Web Search](#)**[\[PS\] Technical Survey of XML Schema and Query Languages - all 3 versions »](#)**

A Bonifati, D Lee - Proceedings of the 20th International Conference on ..., 2001 - cobase.cs.ucla.edu

... All the schema languages except DTD are written in XML syntax: DTD : No XML-Schema :

Yes RELAX : Yes SOX : Yes Schematron : Yes DSD : Yes 2. Namespace. ...

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N Klarlund, A Moller, M Schwartzbach - Proceedings of the third workshop on Formal methods in ..., 2000 - portal.acm.org

... ferent approach was suggested by SOX[9], which is ... as elements and attributes with namespace http://www ... The XML schema proposal introduces a separate operator to ...

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D Carlson - Aug, 2001 - xml.com

... to creating and reverse engineering DTDs and SOX schemas, as ... schema to an XML attribute;

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... 3 Wildcards 182 6.1.4 Schema Default Namespace 183 6.2 ... The W3C XML Schema Working

Group did not have the ... submissions to the W3C, including DDML, SOX, DCD, and ...

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C Lange - Enterprise Integration (CSCI 8350), University of Koblenz, ..., 2001 - dme.uma.pt

... Hence, a message with a corre- sponding schema, which ... oriented document type definitions,

such as Schema for Object oriented XML (SOX), contribute to ...

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